

ABSTRACT OF THE DISCLOSURE

An optical deflection device includes a rotor unit having a rotary polygon mirror and a magnet, a dynamic pressure bearing having a rotary bearing member rotatably supporting the rotor unit and a stationary bearing member, and a stator unit having a base member for supporting the stationary bearing member and a magnet coil for driving the rotary unit in cooperation with the magnet. The optical deflection device further includes a stabilizing member for rectifying and stabilizing airflow caused by the rotation of the rotary polygon mirror, which is mounted on the top of the base member in such a way that the stabilizing member is located close to the mirror surface on the outer periphery of the rotary polygon mirror.